

ROOF FRAMING PLAN
SCALE: 1:100

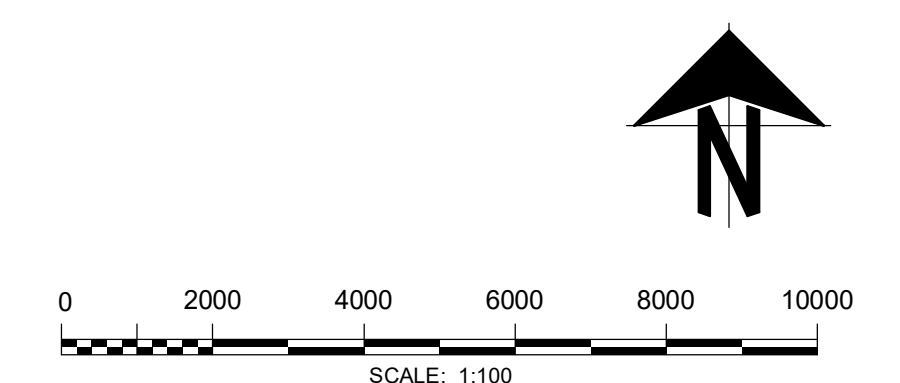
MARK	SECTION	REMARK
B1	150 x 100 x 5.0 RHS	BEAM
B2	250 UB 26	FESTOON SYSTEM SUPPORT BEAM
BR1	125 x 75 x 9 EA	ROOF BRACE
BR2	M20 4.5 ROD	ROOF BRACE
C1	300 UB 57	COLUMN
C2	150 x 150 x 9.0 SHS	COLUMN
C3	150 x 150 x 9.0 SHS	COLUMN
C4	310 UB 46	COLUMN
CB1	250 PFC	CANOPY BEAM
CB2	450 UB 67 - 300 PFC	CRANE BEAM
CB3	200 UB 22	CANOPY BEAM
DH1	250 x 150 x 5.0 RHS	DOOR HEADER BEAM
DH2	250 PFC	DOOR HEADER BEAM
DH3	150 x 150 x 9.0 SHS	DOOR HEADER BEAM
DH4	250 PFC	DOOR MULLION
FB1	300 UB 51	FLOOR BEAM
FB2	610 UB 101	FLOOR BEAM
FB3	300 UB 45	FLOOR BEAM
FB4	310 UB 52	FLOOR BEAM
FB5	250 PFC	FLOOR BEAM
FJ1	HOPELEY HB300	FLOOR JOIST AT 450 MAX. CRS.
FJ2	HOPELEY HB350	FLOOR JOIST AT 300 MAX. CRS.
M1	150 PFC	MULLION
M2	150 x 150 x 5.0 SHS	MULLION
M3	150 x 150 x 9.0 SHS	MULLION
OR1	410 UB 45	OUTRIGGER BEAM
OR2	450 UB 67	OUTRIGGER BEAM
P1	100 x 100 x 9.0 SHS	POST
P2	100 x 100 x 6.0 SHS	POST
P3	76.1 x 5.9 CHS	POST
P4	100 x 100 x 6.0 SHS	POST
PR1	150 PFC	PLATFORM BEAM
PC1	800 WB 168	PORTAL COLUMN, FLY BRACE AT EVERY FOURTH GIRT
PR1	700 WB 130 + 700 WB 130 HAUNCH (7500 LONG)	PORTAL RAFTER, 35mm PRE-CAMBER UPWARDS, FLY BRACE AT EVERY FOURTH PURLIN
RB1	300 UB 45	ROOF BEAM
RB2	250 UB 25	ROOF BEAM
RP1	Z25019 PURLIN	ROOF PURLIN, AT 1200 CRS, LAPPED 900, WITH 2 ROWS OF BRIDGING
RP2	Z25019 PURLIN	ROOF PURLIN, AT 1200 CRS, LAPPED 900, WITH 2 ROWS OF BRIDGING
RP3	Z25024 PURLIN	ROOF PURLIN, AT 1200 CRS, LAPPED 1200, WITH 2 ROWS OF BRIDGING
RP4	Z25024 PURLIN	ROOF PURLIN, AT 900 CRS, LAPPED 900, WITH 2 ROWS OF BRIDGING
RP5	Z22019 PURLIN	ROOF PURLIN, AT 1200 CRS, LAPPED 900, WITH 2 ROWS OF BRIDGING
RP6	150 x 50 x 3.0 RHS	ROOF PURLIN, AT 600 CRS.
S1	114.3 x 4.5 CHS	STRUT
SC1	150 x 150 x 6.0 SHS	STUB COLUMN
SC2	250 x 250 x 6.0 SHS	STUB COLUMN
SS1	250 PFC	STAIR STRINGER
SS2	150 PFC	STAIR STRINGER, AT 400 CRS.
TB1	150 x 150 x 6.0 SHS	TIE BEAM
TB2	150 PFC	TIE BEAM
WB1	100 x 100 x 6 EA	WALL BRACE
WB2	150 x 150 x 6.0 SHS	WALL BRACE
WB3	100 x 6 FLAT PLATE	WALL BRACE
WG1	Z25019 PURLIN WITH SAG RODS	WALL GIRT, AT 800 CRS, LAPPED 900, 2 ROWS OF BRIDGING
WG2	Z20024 PURLIN WITH SAG RODS	WALL GIRTS, AT 600 CRS, LAPPED 900, 2 ROWS OF BRIDGING
WH1	150 x 100 x 5.0 RHS	WINDOW HEADER BEAM
WH2	150 x 150 x 5.0 SHS	WINDOW HEADER BEAM
WS1	150 x 100 x 5.0 RHS	WINDOW SILL BEAM
WS2	150 x 150 x 5.0 SHS	WINDOW SILL BEAM

LEGEND

- Cx (u) STEEL COLUMN OVER
- Cx (u) STEEL COLUMN UNDER
- Cx (u) (u) STEEL COLUMN UNDER AND OVER
- RBx / Lx ROOF BEAM / LINTEL OVER
- RB(u) / Lx(u) ROOF BEAM / LINTEL UNDER

NOTE: ROOF FALL ARREST ANCHOR POINTS AND ACCESS LADDERS BETWEEN ADJOINING ROOFS SHALL BE PROVIDED. REFER TO ARCHITECTURAL DOCUMENTS FOR DETAILS. THE CONTRACTOR SHALL PROVIDE ADDITIONAL FRAMING AS REQUIRED FOR FIXING AND SUPPORT OF THESE ELEMENTS

NOTE: SOLAR PANELS AND SUPPORT FRAMES TO THE MAIN ROOF TO BE BY OTHERS AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS. MAXIMUM LOADING = 20 Kg/m². SOLAR PANELS ARE NOT TO BE INSTALLED TO THE CANOPY STRUCTURE.



REV	DATE	REVISION/DESCRIPTION	DRAWN	CHECKED	APPROVED
A	23/05/24	PRELIMINARY ISSUE	JL	TL	TL
B	06/09/24	PRELIMINARY ISSUE	JL	TL	TL
C	12/09/24	TENDER ISSUE	A	TL	TL
D	26/09/24	TENDER ISSUE	HB	TL	TL

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HEAVY VEHICLE WORKSHOP ROOF FRAMING PLAN

ISSUED FOR TENDER NOT FOR CONSTRUCTION

SCALE/AT	DRAWN	DESIGNED
1:100	JL	TL
PROJECT ENGINEER	PROJECT MANAGER	DATE FIRST ISSUE
TL	APS	-
PROJECT No.	DRAWING No.	REVISION
230453	S1005	D